

PERSONAL INFORMATION

Mircea Boscoianu



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Date of birth 29/04/1966
Nationality Romanian

WORK EXPERIENCE

October 2019- present

Senior Researcher 1

INCAS - National Institute for Aerospace Research "Elie Carafoli"
 220 Iuliu Maniu Blvd, District 6
 Bucharest – ROMANIA
 Tel.: (+40-21) 434 00 83; Fax: (+40-21) 434 00 82
www.incas.ro
 Management Research and Development Projects and Programs; Management of Innovation.

September 2019- present

Business or sector: Aerospace Research
Full Professor

Transilvania University of Brasov
 29 Eroilor Blvd, Braşov 500036
<https://www.unitbv.ro/>
 Courses in higher education; PhD. Advisor in the Multidisciplinary Doctoral School.

June 2009 – September 2019

Business or sector: Higher education
Prof PhD Advisor;
Vice Dean of the Faculty of Aeronautical Management (2018- 2019);
Vice Rector for R&D (2009- 2012; 2017- 2018);
Head of Department Managerial Sciences (2012- 2013)

Air Force Academy „Henri Coanda” of Brasov
 160 Mihai Viteazul Street, Brasov, Romania, 500183
 Phone +400268423421, Fax: +400268422004
www.afahc.ro
 Academic education - Management of aviation systems;
 Management of performances;
 Strategic management in aviation;
 Risk and safety management;
 Extreme risk management

July 1991- June 2009

Business or sector Higher Education
Asist Prof, Senior Lecturer, Assoc Prof (1991-2009)

Military Technical Academy „Ferdinand I” of Bucharest
 39-49 George Cosbuc Blvd, Bucharest 050141
 +4021 335 4660
<https://mta.ro/>

Academic education- Management of aviation systems;
Theory of Propulsion Systems Engines;
Aerodynamics;
Flight mechanics;

- January 1991- July 1991 **Business or sector** Academic education and R&D/ Department of Aviation Systems and Mechatronics
Head of Military Representative
SC Avioane SA Craiova
10 Aviatorilor Street, Craiova, Romania, 207280
+4051402000
www.acv.ro
Management/ supervisor aircraft
- July 1990- January 1991 **Business or sector** Military Representative Headquarters
Head of department
Repairment Aviation Base Craiova
10 Aviatorilor Street Craiova, Romania, 207280
Management of aircraft maintenance
Business or sector Aircraft Maintenance

EDUCATION AND TRAINING

- 2000-2003 **Doctor in Cybernetics and Statistics** EQF 8
BUCHAREST UNIVERSITY OF ECONOMIC STUDIES
Faculty of Cybernetics, Statistics and Informatics
Piața Romană 6, Bucharest, 010374, Romania
+4021 319 1900
https://www.ase.ro/
Cybernetics; Statistics;
- 1993-2000 **Doctor in aerospace engineering** EQF 8
Military Technical Academy „Ferdinand I” of Bucharest
39-49 George Cosbuc Blvd, Bucharest 050141, Romania
+4021 335 4660
https://mta.ro/
Aerospace Engineering
- 1997-1998 **Master of Science** EQF 7
ECOLE NATIONALE SUPERIEURE DE MECANIQUE ET D'AEROTECHNIQUE
Téléport 2, 1 Avenue Clément Ader, 86360 Chasseneuil-du-Poitou,
France
+33 5 49 49 80 80
https://www.ensma.fr/en/
Aerodynamics and fluid mecanics
- 1990-1996 **Economical analist (Academic license and master of science)** EQF 7
BUCHAREST UNIVERSITY OF ECONOMIC STUDIES
Faculty of Cybernetics, Statistics and Informatics
Piața Romană 6, Bucharest, 010374, Romania
+4021 319 1900
https://www.ase.ro/

1984-1990 **Cybernetics**
Aerospace engineer (Academic license+master of science)
 Military Technical Academy „Ferdinand I” of Bucharest
 39-49 George Cosbuc Blvd, Bucharest 050141, Romania
 +4021 335 4660
<https://mta.ro/>
 Aircraft and Propulsion Systems

EQF 7

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|--|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |
| Replace with name of language certificate. Enter level if known. | | | | | |
| Franch | C1 | C1 | C1 | C1 | C1 |
| Replace with name of language certificate. Enter level if known. | | | | | |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills good communication skills gained through my experience as University Professor, PhD Advisor.

Organisational / managerial skills

- experience in the management of complex socio- technical systems, in the management of higher education
- experience in the management of R&D projects with multiple teams (project manager and vice-rector for R&D)
- Valuation of R&D Projects
- PhD Advisor 2010- at Transilvania University of Brasov (10 doctors in Engineering Management and 8 PhD Students)

Job-related skills

- knowledge for analysis, design, fabrication, testing of micro and mini RPAS;
- knowledge in strategic management, risk management and project management, crisis management operations, disaster resilience,
- knowledge in Aerospace engineering
- Environment, resources and sustainability

Digital skills

| SELF-ASSESSMENT | | | | |
|------------------------|-----------------|------------------|-----------------|-----------------|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Driving licence B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References
Citations
Courses
Certifications

20 books (5- international), 200 scientific articles/ 80 ISI/ WoS (11 ISI Journal with Impact Factor).
H- INDEX= 11; i10 INDEX= 13; citations = 507.

Project manager in 8 R&D projects (in competitions PN III, PN II, PN I, CEEX):

- MULTIMOND2- Platform of multiagent aerial platforms for monitoring the quality of water on the Romanian sector of Danube and Delta 2017-2020 (two component projects)
- MAPIAM- Modular Aerial Platform for Intelligent Atmosphere Monitoring 2016- 2018
- Multi agent aerial system with mobile ground control station for the management of information MASIM, PN II, 2013-2016 (director);
- Integrated System for traffic monitoring with aerial robots systems SIMPAR, PN I, 2007-2010 (director);
- Integrated System of aerial platforms for CBRN, acronym NIMBUS, CEEX- Securitate, Contract SP5 / 30R, 2005- 2006 (director);
- Aerial microRPAS with vertical take off and hybrid propulsion for monitoring dangerous zones CUMULUS-2, CEEX 2005, 2005-2007(director) ;
- Optimal strategies for integration and expansion of multinational companies in the context of Romanian accession toward European Union. The efficiency of technological transfer by FDI, Grant Comision 3 Project A, 2004-2006 (director).